Toxicology Letters, 48 (1989) 327–329
Elsevier

AUTHOR INDEX VOL. 48 (1989)

Adams Jr., W.J., Kocsis, J.J. and Snyder, R., Acute toxicity and urinary excretion of diphenyldiselenide, 301
Ahmad, H.S.A., see Ali, M., 235
Ali, M., Mohammed, N., Alnaqeeb, M.A., Hassan, R.A.H. and Ahmad, H.S.A., Toxicity of echinulin from *Aspergillus chevalieri* in rabbits, 235
Alnaqeeb, M.A., see Ali, M., 235
Antony, M., Kumar, S. and Mehrotra, N.K., Role of GSSG-reductase and a thiol oxidant diethylmaleate (DEM) in skin tumorigenesis induced by jute batching oil, 259
Atkins, L.M., see Gale, G.R., 105

Baojiang, G., see Qishen, P., 165
Bencko, V., see Cikrt, M., 159
Bergmann, F., Yarom, R. and Yagen, B., Comparison of the toxicity of two trichothecenes applied topically to brain and liver of rats, 49
Bindoli, A., Rigobello, M.P. and Galzigna, L., Toxicity of aminochromes, 3
Bochert, G., see Eckhoff, C., 171
Bompart, G., Cisplatin-induced changes in cytochrome P-450, lipid peroxidation and drug-metabolizing enzyme activities in rat kidney cortex, 193
Bonnet, P., see Saillenfait, A.M., 57
Brown, P.I., see Rankin, G.O., 217

Carbonell, E., Puig, M., Xamena, N., Creus, A. and Marcos, R., Mitotic arrest induced by fenvalerate in human lymphocyte cultures, 45
Chahoud, I., see Eckhoff, C., 171
Chandrashekar, K.R. and Kaveriappa, K.M., Effect of pesticides on the growth of aquatic hyphomycetes, 311
Cikrt, M. and Bencko, V., Mercury–selenium interaction: distribution and excretion of $^{203}Hg^{2+}$ in rats after simultaneous administration of selenite or selenate, 159
Creus, A., see Carbonell, E., 45

Dallner, G., see Ganning, A.E., 185
Davis, D. and Safe, S., Dose–response immunotoxicities of commercial polychlorinated biphenyls (PCBs) and their interaction with 2,3,7,8-tetrachlorodibenzo-*p*-dioxin, 35
De Ceaurriz, J., see Saillenfait, A.M., 57
Deininger, C., see Eder, E., 225
Dempster, A.M. and Snyder, C.A., The ability of the murine erythron to respond to hemolytic doses of phenylhydrazine is significantly impaired by exposures to 10 ppm benzene, 249
Di Monte, D., Wu, E.Y. and Smith, M.T., Commentary on 'Biochemical mechanism of action of the dopaminergic neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP)', 117
Dreith, D., see Zidenberg-Cherr, S., 201

Eckhoff, C., Löfberg, B., Chahoud, I., Bochert, G. and Nau, H., Transplacental pharmacokinetics and teratogenicity of a single dose of retinol (vitamin A) during organogenesis in the mouse, 171
Eder, E., Favre A., Stichtmann C. and Deininger C., Induction of *sfi* A SOS function by peroxides using three different *E. coli* strains, 225
Elhammer, Å., see Ganning, A.E., 185
Engles, D., see Umbreit, T.H., 29
Eto, K., see Ogata, M., 67

Favre A., see Eder, E., 225
Fukaya, Y., see Ito, Y., 83

Gale, G.R., Atkins, L.M., Smith, A.B., Singh, P.K. and Jones, M.M., *N,N*-Disubstituted dithiocarbamates as cadmium antagonists: *N*-(4-methoxybenzyl)-*N*-dithiocarboxy-D-glucamine, , 105
Gallo, M.A., see Umbreit, T.H., 29
Galzigna, L., see Bindoli, A., 3
Ganning, A.E., Olsson, M.J., Elhammer, Å. and Dallner, G., The influence of di(2-ethylhexyl)phthalate on protein turnover in rat liver, 185
Glauert, H.P. and Weeks, J.A., Dose- and time-

response of colon carcinogenesis in Fischer-344 rats after a single dose of 1,2-dimethylhydrazine, 283
Graham, D.G., Commentary on 'Toxicity of Aminochromes', 1
Grossman, A., see Umbreit, T.H., 29
Gupta, A.K., see Gupta, R.L., 75
Gupta, R.L., Kaur, I.P., Gupta, A.K., Pathak, D.P. and Juneja, T.R., Effect of norharman on the mutagenicity of toluidine metabolites, 75

Hart, L.A. 't, Van der Wal, N.A.A., Koster, A.S. and Labadie, R.P., A rapid and sensitive micro-assay to determine the capacity of quinones to undergo redox cycling, 151
Hassan, R.A.H., see Ali, M., 235
Hruska, R.E. and Olson, J.R., Species differences in estrogen receptors and in the response to 2,3,7,8-tetrachlorodibenzo-*p*-dioxin exposure, 289

Inoue, B., see Ogata, M., 67
Ito, Y., Fukaya, Y., Ohno, Y., Matsumoto, T., Yoshitomi, S. and Kurita, H., Serum succinyltrialanine *p*-nitroanilide-hydrolytic activity in workers occupationally exposed to lead, 83
Izushi, F., see Ogata, M., 67

Jimmerson, V.R., Shih, T.-M., Maxwell, D.M. and Mailman, R.B., Cresylbenzodioxaphosphorin oxide pretreatment alters soman-induced toxicity and inhibition of tissue cholinesterase activity of the rat, 93
Jones, M.M., see Gale, G.R., 105
Juneja, T.R., see Gupta, R.L., 75

Kasprzak, K.S., see Raos, N., 275
Kaur, I.P., see Gupta, R.L., 75
Kaveriappa, K.M., see Chandrashekar, K.R., 311
Keen, C.L., see Zidenberg-Cherr, S., 201
Kiefer, F. and Wiebel, F.J., V79 Chinese hamster cells express cytochrome P-450 activity after simultaneous exposure to polycyclic aromatic hydrocarbons and aminophylline, 265
Kocsis, J.J., see Adams Jr., W.J., 301
Kolman, A., see Qishen, P., 165
Koster, A.S., see Hart, L.A. 't, 151
Kumar, S., see Antony, M., 259
Kurita, H., see Ito, Y., 83

Labadie, R.P., see Hart, L.A. 't, 151
Löfberg, B., see Eckhoff, C., 171

Mailman, D.M., see Jimmerson, V.R., 93
Marcos, R., see Carbonell, E., 45
Matsumoto, T., see Ito, Y., 83
Maxwell D.M., see Jimmerson, V.R., 93
Mehrotra, N.K., see Antony, M., 259
Mohammed, N., see Ali, M., 235

Nau, H., see Eckhoff, C., 171
Nicoll, D.W., see Rankin, G.O., 217
Noguchi, N., see Ogata, M., 67

Ogata, M., Izushi, F., Eto, K., Sakai, R., Inoue, B. and Noguchi, N., Effect of chlordane on hepatic mitochondrial respiration, 67
Ohno, Y., see Ito, Y., 83
Olson, J.R., see Hruska, R.E., 289
Olsson, M.J., see Ganning, A.E., 185

Pathak, D.P., see Gupta, R.L., 75
Puig, M., see Carbonell, E., 45

Qishen, P., Baojiang, G. and Kolman, A., Radioprotective effect of extract from *Spirulina platensis* in mouse bone marrow cells studied by using the micronucleus test, 165

Rankin, G.O., Shih, H., Teets, V.J., Nicoll, D.W. and Brown, P.I., Acute nephrotoxicity induced by *N*-(3,5-dichlorophenyl)-3-hydroxysuccinamic acid in Fischer 344 rats, 217
Raos, N. and Kasprzak, K.S., Effect of nickel(II)acetate on distribution of calmodulin in the rat kidney, 275
Rigobello, M.P., see Bindoli, A., 3

Safe, S., see Davis, D., 35
Saillenfait, A.M., Bonnet, P. and De Ceaurriz, J., Effects of inhalation exposure to carbon disulfide and its combination with hydrogen sulfide on embryonal and fetal development in rats, 57
Sakai, R., see Ogata, M., 67
Sandhu, H.S. and Singh, T.J., Toxicological effects of monocrotophos on micro-organisms in the rumen of *Bubalus bubalis*, 243
Sayre, L.M., Biochemical mechanism of action of the dopaminergic neurotoxin 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), 121

Shih, H., see Rankin, G.O., 217
Shih, T.-M., see Jimmerson, V.R. , 93
Singh, P.K., see Gale, G.R., 105
Singh, T.J., see Sandhu, H.S., 243
Smith, A.B., see Gale, G.R., 105
Smith, M.T., see Di Monte, D., 117
Snyder, C.A., see Dempster, A.M., 249
Snyder, R., see Adams Jr , W.J., 301
Stichtmann C., see Eder, E., 225

Teets, V.J., see Rankin, G.O., 217

Umbreit, T.H., Engles, D., Grossman, A. and Gallo, M.A., Species comparison of steroid UDP-glucuronyl transferase: correlation to TCDD sensitivity, 29
Uphouse, L. and Williams, J., Diestrous treatment with lindane disrupts the female rat reproductive cycle, 21

Van der Wal, N.A.A., see Hart, L.A. 't, 151

Weeks, J.A., see Glauert, H.P., 283
Wiebel, F.J., see Kiefer, F., 265
Williams, J., see Uphouse, L., 21
Wu, E.Y., see Di Monte, D., 117

Xamena, N., see Carbonell, E., 45

Yagen, B., see Bergmann, F., 49
Yarom, R., see Bergmann, F., 49
Yoshitomi, S., see Ito, Y., 83

Zidenberg-Cherr, S., Dreith, D. and Keen, C.L., Copper status and adriamycin treatment: effects on antioxidant status in mice,, 201

Toxicology Letters, 48 (1989) 331–332
Elsevier

SUBJECT INDEX VOL. 48 (1989)

Adenocarcinomas, 283
Adrenochrome, 3
Adriamycin, 201
Ames test, 75
Aminochromes, 3
Antagonism, 35
Antioxidants, 201
Aquatic hyphomycetes, 311
Aroclors (PCBs), 35

Benzo(a)pyrene, 259
Biliary excretion, ^{203}Hg, 159
Biotransformation, 217
Blood lead, 83
Brainstem and liver, 49
Buffalo calves, 243

Cadmium, 105
Cadmium antagonists, 105
Carbon disulfide, 57
Carboxylesterase, 93
Catecholamines, 3
Cell culture, 265
Chlordane, 67
Chlorinated pesticides, 21
Cholinesterase, 93
Cisplatin, 193
Colon carcinogenesis, 283
Copper, 201
Cytochrome P-450, 193

Dimethyl benzanthracene, 259
1,2-Dimethylhydrazine, 283
Dioxin, 289
Distribution, ^{203}Hg, 159
Dithio carbamates, 105
Dopamine, 121

Echinulin, 235
E. coli strains, 225
Elastase-like enzyme, 83
Estradiol, 29
Estrogen receptors, 289

Female rats, 21
Fenvalerate, 45
Fischer-344 rats, 283
Free radicals, 3
Fungicides, 217

Glucuronidation, 29
Glutamic-oxaloacetic transaminase, 235
Glutamic-pyruvic transaminase, 235
Glutathione, 201
Glutathione peroxidase, 193
Glutathione reductase, 193, 259
Glutathione *S*-transferase, 193
Growth, 311
γ-GTP, 83

Hemoglobin, 151
$HgCl_2$, 159
Human lymphocytes, 45
Hydrogen sulfide, 57

Immunotoxicities, 35
Induction of cytochrome P-450 activity, 265
Interactions, 35, 159

Jute batching oil, 259

K^+ efflux, 67
Kidney, 193

Lactic dehydrogenase, 235
Lead exposure, 83
Lindane, 21
Lipid peroxidation, 193
Liver, 235
Lordosis, 21
Low-level benzene exposure, 249

3-Methylcholanthrene, 259
1-Methyl-4-phenylpyridinium (MPP^+), 121
1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP), 121
Micronucleus test, 165
Microsomes, 185

Mitochondria, 67, 185
Mitochondrial respiration, 121
C-Mitosis, 45
Mitotic arrest, 45
Monoamine oxidase, 121
Monocrotophos, 243
Mutagenicity, 75
Myrotoxin B, 49

Na_2SeO_3, 159
Na_2SeO_4, 159
Nephrotoxicity, 217
Neurotoxin, 121
Nickel/calmodulin effect, 275
Nickel(II)acetate renal toxicity, 275
Norharman, 75

Organophosphorus toxicity, 93
Oxidative phosphorylation, 67

Parkinson's disease, 121
Peroxides, 225
Pesticides, 311
Phthalate esters, 185
Picrotoxin, 21
Polyaromatic hydrocarbons, 259
Potentiate, 93
Pretreatment, 93
Proliferating erythron, 249
Protein turnover, 185

Quinone, 151

Radioprotection, 165
Redox cycling, 3, 151
Renal calmodulin distribution, 275
Retinoic acid, 171
Rumen micro-organisms, 243

Selenium metabolism, 301
Selenium toxicity, 301
Soman, 93
SOS-*sfi*A-induction, 225
Spirulina platensis extract, 165
Subacute toxicity, 243
Succinamic acids, 217
Sulfhydryl groups, 3

TCDD, 29, 35, 289
Teratogenicity, 57, 171
2,3,7,8-Tetrachlorodibenzo-*p*-dioxin, see TCDD
12-*O*-Tetradecanoylphorbol-13-acetate, 259
Toluidine metabolites, 75
Topical administration, 49
T-2 Toxin, 49

Urinary metabolites, 301

Vitamin A metabolism, 171
V79 cells, 265